

Appendix A

Element	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
Atomic mass	55,845	54,938	51,996	58,933	50,942	95,96	26,982	91,224	118,71	47,867	
Example according to claim 3 in Atom-%	2.5%	3.5%	5.5%	2.0%	7.5%	2.0%	5.5%	-	-	71.5%	100.0%
Atomic-mass content of the alloy	1,396125	1,92283	2,85978	1,17866	3,82065	1,9192	1,48401	-	-	34,224905	48,80616
Example according to claim 3 Weight-%	2.86%	3.94%	5.86%	2.41%	7.83%	3.93%	3.04%	-	-	70.12%	100.0%
Alloy 1 of Table 1 in Weight-%	2.05%	-	-	-	1.97%	4.11%	-	-	-	91.87%	100.0%

Table	Alloy	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
1	1	Atom-%	1.80%	-	-	-	1.90%	2.10%	-	-	94.20%	100.00%
		Weight-%	2.05%	-	-	-	1.97%	4.11%	-	-	91.87%	100.00%
	2	Atom-%	7.20%	-	-	-	7.90%	3.10%	-	-	81.80%	100.00%
		Weight-%	8.01%	-	-	-	8.02%	5.93%	-	-	78.04%	100.00%
	3	Atom-%	-	6.50%	-	-	8.10%	3.20%	-	1.70%	80.50%	100.00%
		Weight-%	-	6.96%	-	-	8.04%	5.98%	-	3.93%	75.09%	100.00%
	4	Atom-%	-	4.40%	-	-	7.60%	2.00%	5.40%	-	80.60%	100.00%
		Weight-%	-	5.01%	-	-	8.02%	3.98%	3.02%	-	79.97%	100.00%
	5	Atom-%	2.60%	-	-	-	7.60%	3.10%	5.40%	-	81.30%	100.00%
		Weight-%	2.98%	-	-	-	7.95%	6.11%	2.99%	-	79.96%	100.00%
	6	Atom-%	-	-	5.60%	-	7.70%	3.10%	5.40%	-	78.20%	100.00%
		Weight-%	-	-	5.98%	-	8.05%	6.11%	2.99%	-	76.87%	100.00%
	7	Atom-%	-	3.50%	-	-	7.60%	3.10%	5.40%	-	80.40%	100.00%
		Weight-%	-	3.95%	-	-	7.95%	6.11%	2.99%	-	79.01%	100.00%
1	8	Atom-%	4.50%	-	-	-	7.80%	2.10%	5.50%	3.30%	76.80%	100.00%
		Weight-%	5.05%	-	-	-	7.99%	4.05%	2.98%	6.05%	73.88%	100.00%
	9	Atom-%	1.80%	3.70%	-	-	7.90%	2.10%	5.60%	-	76.40%	100.00%
		Weight-%	2.01%	4.06%	-	-	8.03%	4.02%	3.01%	-	72.96%	100.00%
	10	Atom-%	-	-	5.50%	-	7.50%	2.00%	6.20%	-	78.80%	100.00%
		Weight-%	-	-	5.96%	-	7.96%	4.00%	3.49%	-	78.60%	100.00%
	11	Atom-%	-	3.50%	-	-	7.60%	1.70%	5.30%	-	81.90%	100.00%
		Weight-%	-	4.00%	-	-	8.06%	3.39%	2.98%	-	81.57%	100.00%
	12	Atom-%	-	2.80%	-	-	-	5.40%	4.80%	-	85.30%	100.00%
		Weight-%	-	3.02%	-	-	-	10.19%	2.55%	-	80.27%	100.00%
	13	Atom-%	1.80%	3.60%	-	-	2.00%	3.10%	5.60%	3.30%	80.60%	100.00%
		Weight-%	2.01%	3.95%	-	-	2.03%	5.94%	3.02%	6.01%	77.04%	100.00%
	14	Atom-%	-	-	-	2.00%	7.60%	3.10%	5.50%	-	81.80%	100.00%
		Weight-%	-	-	-	2.42%	7.96%	6.11%	3.05%	-	80.46%	100.00%

Table	Alloy	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
2	1	Atom-% Weight-%	- 3,60%	- 4,06%	- -	- 7,70%	3,10% 6,11%	5,40% 2,99%	- -	- -	- 80,20%	100,00% 100,00%
	2	Atom-% Weight-%	- 3,60%	- 3,99%	- -	- 7,80%	3,10% 6,00%	5,50% 2,99%	2,10% 3,86%	- -	- 77,90%	100,00% 100,00%
	3	Atom-% Weight-%	- -	- 4,70%	- 5,03%	- 7,60%	3,00% 5,92%	5,40% 3,00%	- -	- -	- 79,30%	100,00% 100,00%
	4	Atom-% Weight-%	- -	- 5,50%	- 5,94%	- 7,60%	2,00% 3,98%	5,40% 3,03%	- -	- -	- 79,50%	100,00% 100,00%
	5	Atom-% Weight-%	- -	- 3,50%	- 3,98%	- 7,60%	3,00% 5,96%	7,20% 4,02%	- -	- -	- 78,70%	100,00% 100,00%
	6	Atom-% Weight-%	- -	- 4,50%	- 5,03%	- 7,70%	1,50% 2,93%	5,40% 2,96%	- -	1,60% 3,86%	79,30% 77,23%	100,00% 100,00%
	7	Atom-% Weight-%	2,70% 3,13%	- -	- -	- 7,60%	2,00% 3,99%	5,50% 3,08%	- -	- -	- 82,20%	100,00% 100,00%

Table	Alloy	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
3	1	Atom-% Weight-%	- 3,60%	- 4,06%	- -	- 7,70%	3,10% 6,11%	5,40% 2,99%	- -	- -	- 80,20%	100,00% 100,00%
	2	Atom-% Weight-%	- 3,60%	- 3,99%	- -	- 7,80%	3,10% 6,00%	5,50% 2,99%	2,10% 3,86%	- -	- 77,90%	100,00% 100,00%
	3	Atom-% Weight-%	- -	- 4,70%	- 5,03%	- 7,60%	3,00% 5,92%	5,40% 3,00%	- -	- -	- 79,30%	100,00% 100,00%
	4	Atom-% Weight-%	- -	- 5,50%	- 5,94%	- 7,60%	2,00% 3,98%	5,40% 3,03%	- -	- -	- 79,50%	100,00% 100,00%
	5	Atom-% Weight-%	- -	- 3,50%	- 3,98%	- 7,60%	3,00% 5,96%	7,20% 4,02%	- -	- -	- 78,70%	100,00% 100,00%
	6	Atom-% Weight-%	- -	- 3,50%	- 3,98%	- 7,60%	3,00% 5,96%	7,20% 4,02%	- -	- -	- 78,70%	100,00% 100,00%
	7	Atom-% Weight-%	- -	- 4,50%	- 5,03%	- 7,70%	1,50% 2,93%	5,40% 2,96%	- -	1,60% 3,86%	79,30% 77,23%	100,00% 100,00%